

SN. 10/090,476

ATTORNEY DOCKET NO. MATS:037

members are assembled to form the stator, either faces the rotor or forms an outer surface of the stator member facing opposite to the rotor.

2. (Amended) The motor of claim 1, wherein the laminated end faces of each one of the divided stator members are welded to fix the core sheets with each other at parts of the teeth except the laminated end faces facing said rotor.

3. (Amended) The motor of claim 1, wherein each one of the divided stator members is welded to fix the core sheets with each other at back faces of the teeth.--

--8. (Amended) A compressor incorporating a motor, wherein said motor comprising: a stator formed by assembling a plurality of divided stator members having teeth; and a rotor facing said stator,

wherein each one of the divided stator members is formed by laminating a plurality of core sheets and bonding at least parts of end faces along a laminating direction of the cores sheets with an adhesive, and

wherein the end face comprises the surface of a core sheet that, when the divided stator members are assembled to form the stator, either faces the rotor or forms an outer surface of the stator member facing opposite to the rotor.

9. (Amended) The compressor of claim 8, wherein the laminated end faces of each one of the divided stator members are welded to fix the core sheets with each other at parts of the teeth except the laminated end faces facing said rotor.

10. (Amended) The compressor of claim 1, wherein each one of the divided stator members is welded to fix the core sheets with each other at back faces of the teeth.--

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*Kindly add new claims 15-18 as follows:*

--15. (New) A motor comprising:

a stator having a plurality of stator members; and

a rotor facing the stator,

wherein each of the stator members comprises a plurality of core sheets laminated and bonded at least at a portion of one of the inner rim and outer rim of each of the stator members with an adhesive,

wherein the inner rim comprises the surface of the stator member facing the stator, and the outer rim comprises the surface of the stator member facing opposite the inner rim.

16. (New) The motor of claim 15, wherein the inner rim is bonded and the outer rim is welded to fix the core sheets with each other.

17. (New) The motor of claim 15, wherein both the inner and outer rims are bonded.

18. (New) The motor of claim 15, wherein the stator members are welded together to form the stator.--